

GrovePi Starter Kit Commands

Generic Analog Read

```
when space key pressed  
broadcast join analogRead 0  
say analogRead sensor value
```

Light Sensor (A)

```
when space key pressed  
broadcast join light 0  
say light sensor value
```

Touch Sensor (button) (D)

```
when space key pressed  
broadcast join BUTTON 7  
say button7 sensor value
```

DHT: Temperature (D)

```
when space key pressed  
broadcast join temp 7  
say temp sensor value
```

Set LCD Background Color (I2C)

```
when space key pressed  
broadcast join LCD join col 00FF00
```

Generic Analog Write

```
when space key pressed  
broadcast join analogWrite join 0 100
```

Sound Sensor (A)

```
when space key pressed  
broadcast join sound 0  
say sound sensor value
```

Turn LED On (D)

```
when space key pressed  
broadcast join LED join 2 ON
```

DHT: Humidity (D)

```
when space key pressed  
broadcast join humidity 7  
say humidity sensor value
```

Set LCD Text (I2C)

```
when space key pressed  
broadcast join LCD join txt Hello World
```

Generic Digital Read

```
when space key pressed  
broadcast join DigitalRead 8  
say digitalRead sensor value
```

Rotary Sensor (A)

```
when space key pressed  
broadcast join rotary 0  
say rotary sensor value
```

Turn LED Off (D)

```
when space key pressed  
broadcast join LED join 2 OFF
```

Buzzer (PWM: D3,D5,D6,D8)

```
when space key pressed  
broadcast join BUZZER join 6 50
```

Set Folder for Pictures

```
when space key pressed  
broadcast join FOLDER Thursday  
say folder sensor value
```

Generic Digital Write High

```
when space key pressed  
broadcast join digitalWrite 3
```

Distance Sensor (A/D)

```
when space key pressed  
broadcast join distance 7  
say distance sensor value
```

Turn Relay On (D)

```
when space key pressed  
broadcast join RELAY ON
```

LED (PWM: D3,D5,D6,D8)

```
when space key pressed  
broadcast join LED join 5 110
```

Take Picture

```
when space key pressed  
broadcast take_picture  
say camera sensor value
```

Generic Digital Write Low

```
when space key pressed  
broadcast join digitalWriteLow 3
```

Turn Relay Off (D)

```
when space key pressed  
broadcast join RELAY OFF
```

Speak out loud

```
when clicked  
broadcast join SPEAK Hello
```

GrovePi Advanced Sensors

Moisture (A)

```
when space key pressed  
broadcast join moisture 0  
say moisture sensor value
```